

Exact Solution of the Equations of One-  
Dimensional Gas Motion Taking Into Account  
Newtonian Gravitational Forces, by M. L.  
Lidov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XXVII, 1954, p 409-410.    CIA D182760

Morris D. Friedman  
\$5.00

USSR  
Scientific - Physics

CIS 65/feb 55

21,285

Method for the Preparation of Octachlorocyclopentane,  
by R. E. Lidov, 8 pp.

GERMAN, patent Application No 110 506, Class 12, 25.  
Patentblatt, Vol LXXIV, 7 Oct 1954, p 1410.

S.L.A. Tr No 1918

Sci - Chemistry, organic  
Apr 57

46, 854

Processing Slags by An Electrothermal Method,  
by M. M. Lakernik, V. P. Lidov, 5 pp.

RUSSIAN, por, Sovet Metal, Vol IV, No 7,  
1963, pp 19-24.

Primary Sources

Sci  
Jan 65

270,385

On the Stabilization of Stochastic Systems, by  
Z. A. Lidskii, 17 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXV, No 5,  
1961.

Pergamon Press

Sci  
Jul 64

263,494

Some Problems of Lung<sup>u</sup> Surgery, by A. T. Lidskiy,  
31 pp.

RUSSIAN, per, Vest Khir, Vol LXXIX, Sep 1957,  
pp 110-120.

*NIH/181*  
FDD/X-3181

Sci - Medicine

12 Nov 58

ANalytical Design of Controllers in Systems  
with Random Attributes, 1. Statement of the  
Problem, Method of Solving,  $\gamma$  by N. N. Krasovskiy,  
E. A. Lidskiy, 5 pp. 

RUSSIAN, per, Avtomat i Telemekh, Vol XXII,  
No 9, 1961, pp 1145-1150.

ISA

Sci

Jun 62

200,630

**Analytical Design of Controllers in Stochastic  
Systems With Velocity-Limited Controlling Action,  
by N. S. Krasovskiy, E. A. Lidskiy, 17 pp.**

**RUSSIAN, per, Prikl Matemat i Mekh, Vol XXV, No 3,  
1961.**

**Pergamon Press**

Sci  
Jul 64

~~263,546~~ 11,117

Analytic Design of Controllers in Systems With  
Random Attributes. II. Equations of Optimum  
Solutions. Approximate Solutions, by N. N.  
Krasovskiy, E. A. Lidskiy, 6 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXII, No 10,  
1961, pp 1872-1878.

2

2

~~EX~~

ISA

Sci

202,835

Jul 62

Theorems on the Completeness of the System of  
Characteristic and Adjoined Elements of Operators  
Having a Discrete Spectrum, by V. B. Lidskiy, 6 p.  
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol  
CXIX, 1958, pp 1088-1091.

Am Math Soc  
Vol XXVII, Ser 2

V. B. Lidskiy

Sci-Math  
Jun 66

302,636

Summability of Series in the Principle Vectors  
of Non-selfadjoint Operators, by V. B. Lidski,  
36 p.

RUSSIAN, per, Trudy Moskovskogo Matemat Obse,  
Vol XI, 1962, pp 3-35,

Am Math Soc  
Vol XL, Ser 2

*V. B. Lidskiy*

Sci-Math  
Jun 66

302,711

Analytical Control Design in Systems With Random Properties III. Optimum Control in Linear Systems: Minimum Mean-Square Error, by N. N. Krasovskiy, Ye. A. Lidkiy, 6 pp.

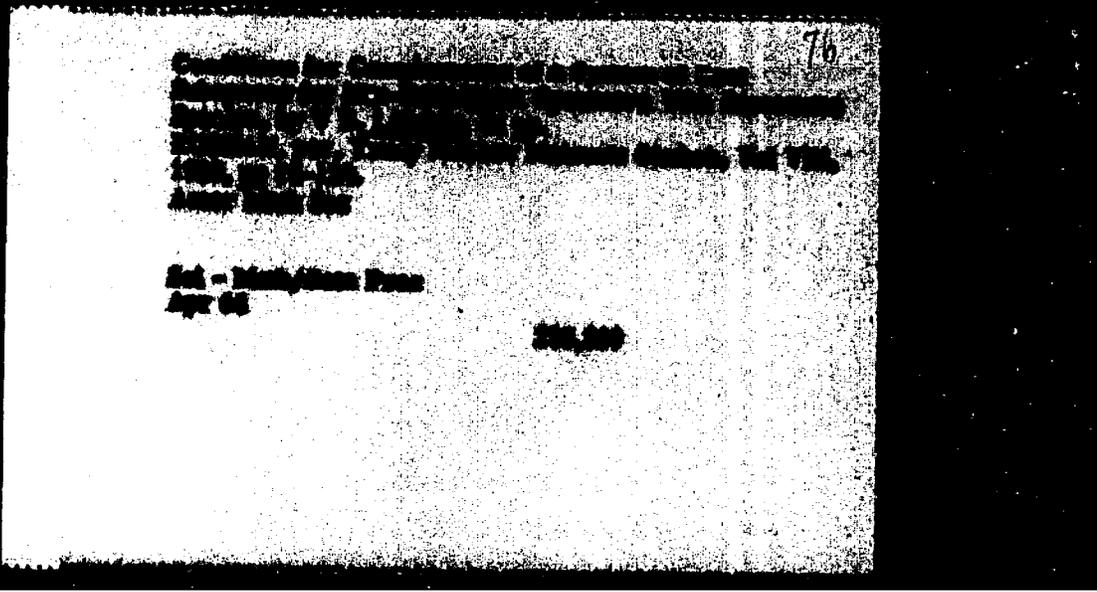
RUSSIAN, per, Avtomat i Telemekh, Vol XXII, No 11, 1961, pp 1485-1491.

DBA

Sci

Jul 62

204,095



The Proper Values of the Sum and Product of Sym-  
metric Matrices, by V. B. Lidskiy.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXV, No 6,  
1950, pp 769-772.

AEC Tr 1520

Scientific

Brookhaven Nat Lab March 24 1953

627

Nonselfadjoint Operator with a Trace, by V. B.  
Lidskiy 4 p.  
RUSSIAN, ser, Doklady Akademii Nauk SSSR, Vol  
CXXV, 1959, pp 485-487.

Am Math Soc  
Vol XLVII, Ser 2

V. B. Lidskiy *m*

Sci-Math  
Jun 66

302,637

New Practical Results in the Surface Improvement of Aluminium, by A. Domony, E. Lichtenberger-Bajza, P. Csokan, 14 pp.

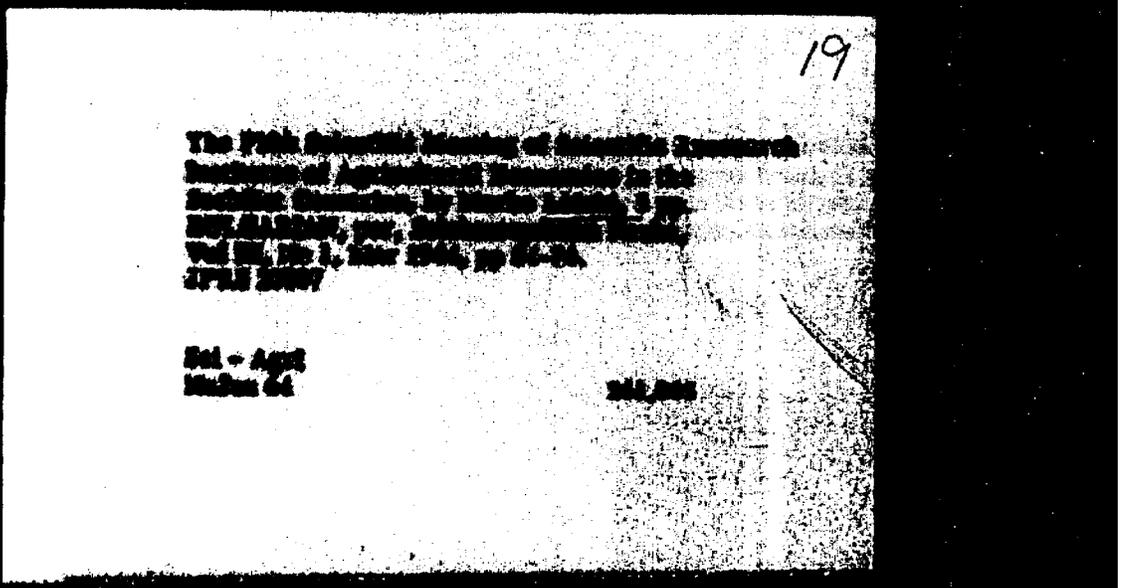
GERMAN, per, Metalloberflache, Vol XIII, No 3 ,  
1959, pp 84-87.  
4

SLA 60-14499

Sci  
Aug 61

163141

OTS, Vol III, No 12



A Simple Method for Sending Dysentery Feces to the  
Laboratory, by Lie Kian Joe, Laboratory for Tropical  
Hygiene at Leiden, 40 pp.

DUTCH, Medisch Maandblad, Vol 3, No 6, Holland,  
Jun 1950, pp 202-217.

CIA/FDD X-657

Scientific - Medicine, bacteriology

National Institutes of Health, Bethesda, Md.

A 7036

61-22391

Lie, T. T. and Sante, F. J. van.  
OBSERVATIONS DURING A FIRE AT ZWOLLE  
(Waarnemingen bij een Brand te Zwolle) tr. by H. A. G.  
Nathan. 1961, 20p. 7 refs. NRCC Technical Trans. 935.  
Order from NRCC \$1.00                      NRCC C-3613

Trans. of Bouw (Netherlands) 1960, v. 15, no. 6.  
p. 154-160.

DESCRIPTORS: \*Fires, \*Structures, Combustion,  
Flames, Temperature, Housing.

(Engineering--Safety, TT, v 6, no. 6)

I. Lie, T. T.  
II. Sante, F. J. van  
III. NRCC TT-935  
IV. NRCC C-3613  
V. National Research Council  
of Canada

Office of Technical Services

Lie, T. T.  
FIRE TESTS ON BUILDING MATERIALS  
(Bouwmateriaal bij Verhitting) tr. by H. A. G.  
Nathan. 1960, 30p. 25 refs. Technical trans. 918.  
Order from NRCC \$1.50                      NRCC C-3513

Trans. of Bouw (Netherlands) 1958, v. 13, no. 34,  
p. 862-868.

(Materials, TT, v. 5, no. 8)

61-12632

1. Construction--Materials
2. Materials--Test results
- I. Lie, T. T.
- II. NRCC TT-918
- III. NRCC C-3513
- IV. National Research Council  
of Canada

Office of Technical Services

**Method and Apparatus for the Production  
of Pictures by Electrophotographic Means,  
by A. Lieb.**

**GERMAN, patent, 1,156,308, 1963.**

**ATB-102908**

*-ATS 1181-6J*

*A. Lieb*

**331, 628**

**Sci**

**Jul 67**

103  
Method and Apparatus for the Production of Pictures  
by Electrophotographic Means, by A. Lieb.  
GERMAN, patent 1,156,308, Oct. 24, 1963.  
ATS 1181-GJ

*A. Lieb*

Sci - Chem  
July 67

331,969

The New Indicator Tube EM 840, the Magic Band, by  
Albert Lieb, 15 pp, UNCLASSIFIED

GERMAN, rpt, Die Neue Anzeigeröhre EM 840, 1956,

*CIA 606872*

ATIC F-76-9353/III

Sci - Electronics

*58,721*

Feb 58

Contributions to the Biology of Phenol-splitting  
Microorganisms, by F. Lieb, 12 pp.

Full translation.

GERMAN, per, Ges. Wasser. Wärme, Vol III, No 6,  
June 1949, pp 101-107.

S.L.A.

Scientific - Biological

26,945

Jul 55

C  
THE SIGNIFICANCE OF CYBERNETICS FOR SCIENCE,  
TECHNOLOGY, AND INDUSTRY IN THE GERMAN  
DEMOCRATIC REPUBLIC, BY HEINZ LIEBACHER,  
7 PP.

GERMAN, PER, EINHEIT, NO 12, 1962,  
PP 146-150.

JPRS 17465

SCI - MISC

FEB 63

221,259

Changes in the Dynamics of the Aqueous  
Humor Due to Influences Exerted on the  
Mucopolysaccharide Metabolism, by  
W. Lieb.

78

GRUBER, per, Klin Wbl Augenheilk, Vol 142,  
No 6, 1965, pp 982-1006.  
NII 7-7-65

*W. Lieb*

Sci/BSW  
Aug 65

284,731

Observations on the Behaviour of Fission  
Products in Surface Waters, by  
K. Liebocher, F. Habashi, et al, 19 pp.  
GENEVA, par, Atompaxia, Vol VII, 1961,  
UD 94-100.  
AEC-TEC-Inf Ser 48

K. Liebocher

Sci-48  
Apr 65

277,909

Investigations of the Magnitude of the Si-  
O-Si Bond Angle, by F. Liebau.

GERMAN, per, Acta Crystallographica, Vol XIV,  
No 11, 1961, pp 1103-1109.

CSIRO/No 5943

Sci-Chem  
Mar 63

225,366

Classification of the Silicates, by F. Liebau.  
GERMAN, part, Die Naturwissenschaften, Vol. 21, 1962,  
pp 481-491.  
CSIRO/No. 7018

*F. Liebau*

Sci -  
Aug 67

336-008

Classification of the Silicates, by F. Liebau.  
GERMAN, per, Die Naturwissenschaften, No 21,  
1962, pp 91-401  
CSIRO/No 7018

*F. Liebau*

Sci -  
Jul 67

334,251

The Modifications of  $\text{Na}_2\text{BcF}_4$  and Their Relationship  
to Those of  $\text{Ca}_2\text{SiO}_4$ . Investigations of Silicate-  
Type Struggles III., by Erich Thilo, Friedrich  
Liebau, 32 pp.

GERMAN, per, Z Physik Chem, Vol CXCV, 1951,  
Leipzig, pp 125-141.

AEC NP-tr-293

Sci - Phys, Chem  
Feb 60

107,560

<p>Liebe, F. EFFICIENCY OF SLIM TAPERED DIFFUSERS IN TORSIONAL FLOW. [1961] 26p. Order from STT \$18.00</p> <p>Trans. of Maschinenbautechnik (Germany) 1960, v. 9, no. 3, p. 405-412.</p> <p>DESCRIPTORS: *Diffusers, Design.</p>	<p>61-25664</p> <p>I. Liebe, F. II. STT-154-299 III. SCIENTECH, Scientific and Technical Translations, Cleveland, Ohio</p> <p>191175</p>
---	--

SETEE

(DC-3959).

The Commuter Traffic Problem in Leipzig, by F.  
Richter-DeVroe, H. Liebe, 20 pp.

GERMAN, per, Deutsche Eisenbahntechnik, Vol VIII,  
No 4, Berlin, 1960, pp 155-164.

JPRS 3545

EEur - Germany  
Econ - Transportation  
Jul 60

119,681

Pseudohemoglobin and the Catabolism of Hemin  
Derivatives, by Claude Lieboq, 7 p.

WSWISS, per, *Experientia*, 1948, Vol IV, No 2,  
pp 56-59.

SLA 60-10382

Sci  
Apr 60  
Vol III, No 3

III, 577

Carbohydrate Metabolism in Isolated Rat Diaphragm.  
2. Reference Units and Variability of Results, by  
C. Liebecq, 6 pp.

RUSSIAN, bino per, Biokhim, Vol XXII, No 1, 2,  
Jan-Apr 1957, pp 90-95.

Consultants Bureau

Sci - Chemistry  
Apr 58

61, 654

Mammary Carcinoma in the Human Male After  
Follicle Hormone Treatment, by G. Liebigott,  
4 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXVI,  
No 37/38, Oct 1948, pp 599, 600.

91  
NTH 1-4a-60

Sci - Med

Mar 60

110,473

Fundamentals of Production Balance Methods, by  
E. Liebel.

GERMAN, per, Stahl und Eisen, Vol ~~XXXX~~LXXXII,  
No 1, 1962, pp 46-54.

CRL/T. 1262

Sci-M/M

Oct 63

*241, 405*

Concerning the Numerical Solution of the  
Neutron Transport Equation, by J. Lieberoth. // //  
Z. Angew. Math. Mech., Vol 43,  
1963, pp 118-20.  
AEC ORNL-Tr-357

*J. Lieberoth*

Sci/Nuclear Sci  
May 66

380,464

An Attenuated *Bovine Influenza* Vaccine  
for Cattle, by E. Dougl, J. Liebelt.  
Cotton, *et al*, *International Revue Mikrobiologie*  
*Supplementum*, 1966, No. 1, pp. 300-313.  
BA 71-6-17489

J Liebelt

Sci-EDM  
June 66

300,592

Regarding Decomposition of Cystine and Cysteine by  
Means of Irradiation, by F. Lieben, E. Molnar, 11 pp.

GERMAN, per, Biochem Z. Vol CCXXXI, 1931, p 347.

S.L.A. Tr 57-409

Sci - Chemistry  
Jun 57

48, 815

Regarding the Decomposition of Nitrogen-Containing  
Cyclic Compounds in the Light of the Quartz Lamp,  
by F. Lieben, V. Getreuer, 8 pp.

GERMAN, per, Biochem Z, Vol CCLIX, 1933, p 1.

S.L.A. Tr 57-427

Sci - Chemistry  
Jun 57

48,813

Regarding the Splitting Off of Ammonia From Amino  
Acids and Other Substances in the Light of the  
Quartz Lamp, by F. Lieben, F. Urban, 15 pp.

GERMAN, per, Biochem Z, Vol CCXXXIX, 1931, pp 250-  
256.

S.L.A. Tr 57-410

Sci - Chemistry  
Jun 57

48, 812

Regarding the Action of Irradiation of Tyrosine and  
Tryptophan in Albumins, by F. Lieben, 9 pp.

GERMAN, per, Biochem Z, Vol ~~XXXI~~ CLXXXVII, 1927,  
p 307.

S.L.A. Tr 57-429

Sci - Chemistry  
Jun 57

48, 811

Toward the Question of the Influence of Ultraviolet  
Rays on Peptone and Protein Solutions, by F. Lieben,  
H. Jesserer, 11 pp.

GERMAN, per, Biochem Z, Vol CCLXXV, 1935, p 367.

S.L.A. Tr 57-426

Sci - Chemistry  
Jun 57

48, 831

Regarding the Destruction of a Few Amino Acids  
Through Irradiation, by F. Lieben, 24 pp.

GERMAN, per, Biochem Z, Vol CLXXXIV, 1927, p 453.

Sci - Chemistry  
Jun 57

S.L.A. Tr 57-411

S.A. Tr 57-430

48,809

Regarding the Action of Irradiation Upon the  
Albumin Substances of the Lens of the Eye, by  
F. Lieber, P. Kronfeld, 6 pp.

GERMAN, per, Biochem Z, Vol CXCVII, 1928,  
p 136.

SLA Tr 57-428

Sci - Med  
Jul 57

49,993

Regarding the Separation of Iodine and Bromine  
From Iodized or Brominated Protein by Means of  
Irradiation, by F. Lieben, G. Ehrlich, 9 pp.

GERMAN, per, Biochem Z, Vol CCXXII, 1931, p 221.

S.L.A. Tr 57-408

Sci - Chemistry  
Jun 57

48, 829

The Emotional Reaction of the Pupils, by S. Lieben.  
GERMAN, per, Pflueger Arch Ges Physiol, No 225,  
1930, pp 699-704.

HEB NIE

8-1-69

S. LIEBEN

Sci/Behav  
Sept 69

395,153

Contribution to the Knowledge on Familial Incidence of  
Cleft Hands and Feet, by L. Liebenam, 10 pp.  
GERMAN, par. Ztschr. Vererb. Konstitutionel., Vol XXII,  
1938, pp 156-151.  
NAVY

Sci -MS MD  
Jul 63

282,009

*Liebenam*

POSSIBILITIES FOR INCREASING PRODUCTION AND  
LABOR PRODUCTIVITY IN THE LIVESTOCK INDUSTRY,  
BY O. LIEBENBERG, 8 PP.

GERMAN, PER, WISSENSCHAFTLICHER-TECHNISCHER  
FORTSCHRITT FUER DIE LANDWIRTSCHAFT, VOL III,  
NO 10, 1962, PP 433-435.

A Cold-Cathode Ring Counter Circuit With  
Direct Numerical Indication, by H.  
Liebendorfer.

GERMAN, per, *Elektronik*, Vol VIII,  
No 12, 1959, pp 362-364.

CERRO

A Cold-Cathode Ring Counter Circuit With  
Direct Numerical Indication, by H.  
Liebendorfer.

GERMAN, per, *Elektronik*, Vol VIII,  
No 12, 1959, pp 362-364.

CHEIRO

Ref - Electron

Lieber, C. S. and Desneux, J. J.  
THE GASTRIC ULCEROGENIC ACTION OF OXY-  
TETRACYCLINE IN MAN. [1961] 4p.  
Order from ATS \$7.00                      ATS-33NS1P

Trans. of Acta Gastro-Enterologica Belgica, 1957,  
v. 20, Aug/Sep, p. 738-742.

DESCRIPTORS: \*Digestive system, Physiology, \*Man,  
\*Terramycin, Stomach, Drugs, \*Peptic ulcers,  
Antibiotics.

(Biological Sciences--Pathology, TT, v. 6, no. 1)

61-22335

I. Lieber, C. S.  
II. Desneux, J. J.  
III. ATS-33NS1P  
IV. Associated Technical Serv-  
ices, Inc., East Orange,  
N. J.

Office of Technical Services

61-10204

Lieber, W. and Bleher, K.

ESTIMATE OF SULFATE RESISTANCE OF CEMENTS BY CONVENTIONAL RAPID METHODS.

Foreign Literature Study no. 307. [1960] [13]p.

13 refs.

Order from SLA m\$2.40, ph\$3.30      61-10204

Trans. of Zement-Kalk-Gips (West Germany) 1960, v. 13, no. 7, p. 310-316.

Tests showed that none of the earlier proposed rapid testing methods can be considered as an all-around method. A suitable method was recently developed by Koch and Steingger (Zement-Kalk-Gips 13: 317-324, 1960; available in translation from SLA m\$1.80, ph\$1.80 as 61-10205).

(Materials, IT, v. 5, no. 4)

1. Cements--Chemical reactions
  2. Sulfates--Chemical effects
- I. Lieber, W.
  - II. Bleher, K.
  - III. Title: Foreign...

Office of Technical Services

The Quantitative Determination of Potassium with  
Sodium Tetraphenyl Borate, by W. Lieber, 5 pp.

GERMAN, per, Zement-alk-Gips, Vol I, No 1, 1957,  
pp 61, 62.

SLA 58-658

Sci

Aug 59

95,082

PUNGL, W.  
~~LIEBRANICHT, K.~~  
SCHULZ, E. H.

Archiv Eisenhüttenwesen, vol. 6, 17 figures,  
3400 words; 1935.

Changes in Properties of Steel Wire due to  
Holding at Room Temperature and at Subzero  
Temperatures.

Brutcher Trans, Order No. 241, \$ 3.90.

A 7038

(NY-6450/10)

Prospects of Our Directional Broadcast Technology,  
by H. Liebernickel, 6 pp.

GERMAN, per, Die Deutsche Post, Vol VI, No 6,  
1961, pp 184, 185.

JPRS 10102

EEur - Germany

172, 163

Econ

Oct 61

Test the 900 Flexibility of Packaging  
Materials, by E. LiEbert.

GERMAN, per, Papier, Vol III, No 19/20,  
1949.

CSIRO

Sci - Engr  
Jul 62

204,916

Comparative Tests on Heat Metering Installations for  
Hot Water Supply Networks, by H. Liebert.

GERMAN, per, Heizung, Luftung, Haustechnik, Vol X,  
No 5, 1959, pp 123-129.

GB/21/LC. 1045

Sci  
Feb 63

Operational Experiences and Test Results with 143  
Belt Conveyors at the Brown Coal Open Cut Mine  
Sacheln, by W. Lieberwirth.  
GWTW, ser. Freiburger Hortschrift. A, Vol. 276,  
1963, pp 91-127.

JAC

W. LIEBERWIRTH

sci/ucdm engr  
82, 69

389,677

Dokumentationen d. Technik, München 8, Zweibrückenstr. 24

12 Übersetzungstechnik

1103.

Liebesny, Felix  
Economics of translation Scientific  
and Technical Translation Conf.,  
London 5th March 1958.  
vol. 10 May, 1958, 5, S.115-23

Zt. Aslib Proceedings, London

**The Specific Heat of Solid Bodies, by  
G. Liebfried, W. Brenig,**

GERMAN, per, Zeit Physik, Vol CXXXIV, no 4,  
1953, pp 451-468.

1007/1375 / NRK Tr 576  
A.E.S.S. Maxwell  
Tr No 11/3/5/430  
OT/932

20,203

Scientific <sup>2</sup> - Physics

Dec 1954 CTS

The possible spread of radioactive infection  
by the fission products of  $U^{235}$ , by K. G.  
Liebhold, 22 pp.

~~SECRET~~  
GERMAN, per, Acta Physica Austriaca, 2, p 379-  
400, 1949.

SLA 58-662

Sci

Aug 59

94,387

Cockroach, Ancient Enemy of Man, by Jose Liebertmann,  
7 pp UNCLASSIFIED

Full translation.

SPANISH, pamphlet, Argentina, No 18, p 197, 1944.

QMT Tr 406

Scientific - Biology, cockroach

Apr 53 CTS

15-48

42  
Pathological Research on Malformation in Twins,  
by L. Liebermann, 24 pp.  
GERMAN, par. 2, nach Vererb Konstitutionslehre.  
Vol XXII, 1938, pp 373-417.  
NAVY

Sci- Biol & M  
Jul 68

282,308

*Liebermann*

17  
Development of the West Berlin Harbors,  
by Rudolf Liebig, 18 pp.  
GERMAN, per, Schiff und Hafen, Vol XII,  
No III, March 1960, pp 197-207.  
ACSI I-6546  
ID 2204003965

WEur-Germany

WEur-Germany

Econ

Jun 65

282,485

Development of the West Berlin Harbors,  
by Rudolf Liebrich,  
GERMAN, por, Schiff und Hafen, Vol XII,  
No 2, 1960, pp 197-207.  
\*ACSI I-6546  
ID 2204003965

Rudolf Liebrich

EUR-Germany  
PCOR  
May 65

Development of the West Berlin Harbors,  
by Rudolf Liebich, 18 pp.  
OLIVIERI, per, Schiff und Hafen, Vol XII,  
No 3, 1960, pp 197-207.  
ALSI 1-6546  
ID 2204003905

BLOR - Germany  
MII  
Jun 65

281,689

Heat Conduction in Electrically Insulating Crystals,  
by Gunther ~~Leibfried~~, Ernst Schломann, 35 pp.

GERMAN, per, Mathematisch-Physikalische Klasse, Vol IIa,  
1954, pp 71-93. 9213627

AEC-Tr-5892

Sci - Phys  
Nov 63

241,310

(FDD 29021)

Bituminous Coal Mining in the Saar and in Lorraine:  
Structure and Competition, by W. Liebig, 39 pp.

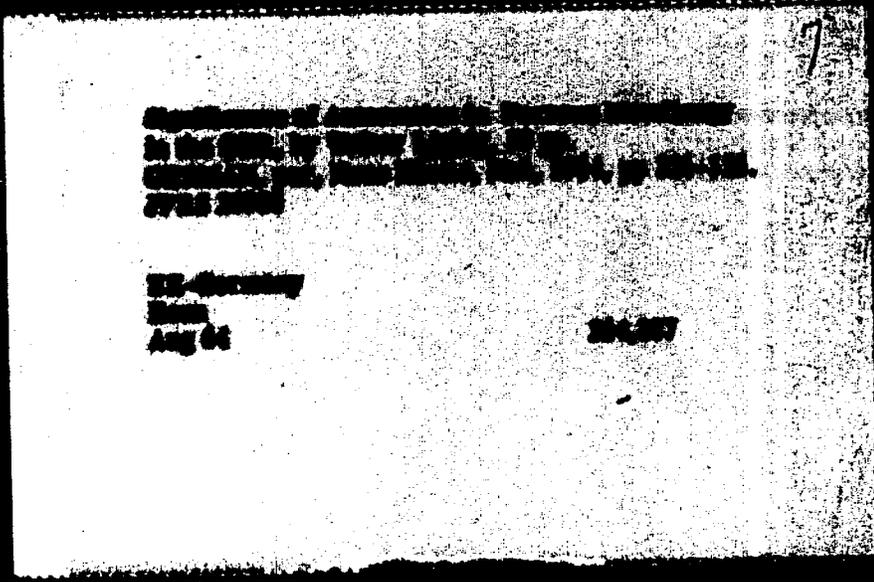
GERMAN, no per, Mitteilungen, No 9/10, Essen,  
Sep/Oct 1955, pp 193-212.

CIA/FDD U-8937

WEur - Saarland  
Econ  
Oct 56

39,785

COPYRIGHT



(DC-4834)

Continuous Chute to Improve Flow of Material on  
Coke Conveger Belts, by R. Liebing, 4 pp.

GERMAN, par, Bergbautechnik, Vol X, No 6, 1960,  
p 279.

JPRS 6661

EEur - Germany

Econ

Feb 61

*140,621*

A NEW LIGHT-WEIGHT MODERNIZED RAILROAD CAR FOR  
THE EAST GERMAN RAILROADS, BY HERBERT LIEDICH,  
14 PP.

Verkehrsh,

GERMAN, PER, DIE NEUBERATUNG, VOL. VI, NO 12,  
1962, PP 207-211.

JPOB 17560

EEUR - GERMANY  
ECON .  
S61 - ENGR  
FEB 63

222,271

A Quick Analysis of Medicines in the Apothecary  
Through Thin-Film Chromatography, by Horst Liebich,  
11 pp.

GERMAN, per, Deutsche Apotheker-Zeitung, Vol XCIX,  
No 49, 1959, pp 1246-1248. 9687264

DDC BSIC-54

Sci - Biol & Med  
Oct 63

240, ~~340~~ 407

Refining of Raw Benzene by Hydrogenation with  
Coke Oven Gas in the Barnberg Gas Works, by  
H. Novak and H. G. Liebich.

GERMAN, per, Brennstoff-Chem, Vol XXIV, pp  
308-310.

DOC-1490

Sci

Jul 58

68,281

Liebisch, Th. and Vortiesch, E.  
CRYSTALLIZATION PROCESSES IN TERNARY SYSTEMS FROM CHLORIDES OF UNIVALENT AND DIVALENT METALS, II. [1962] 23p.

Order from K-H- \$23.00

K-H-8529-d

StA 47-64-30982  
Trans. of [Akademie der Wissenschaften, Berlin. Klasse Mathematik, Physik und Technik]. Sitz[ungsberichte] (Germany) 1920, v. 24, p. 426-442.

DESCRIPTORS: \*Crystallization, \*Chlorides, \*Metallic compounds

(Physics--Solid State, TT, v. 10, no. 3)

63-17274

- I. Liebisch, T.
- II. Vortiesch, E.
- III. K-H-8529-d
- IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

Liebl, H. and Wachsmuth, H.  
A MASS SPECTROGRAPH WITH A DEFLECTING  
CONDENSER HAVING ONE SIDE GROUNDED. [1961]  
[7]p. 10 refs.  
Order from SLA \$1.10                      62-10059

Trans. of Zeitschrift für Naturforsch[un]g (West  
Germany) 1959, v. 14a [no. 9] p. 846-847.

DESCRIPTORS: \*Mass spectrometers, \*Capacitors,  
Design, Voltage, Deflection

(Physica--Spectroscopy, TT, v. 7, no. 5)

62-10059

I. Liebl, H.  
II. Wachsmuth, H.

194977

Office of Technical Services

Second National Biochemical Conference in Prague,  
by V. Liehl, 18 pp. OFFICIAL USE ONLY

CZECH, per, Vestnik Ceskoslovenske Akademie Ved,  
Vol LXIX, No 5, 1960, pp 525-536.

JPRS 4655  
COPYRIGHT

Sci - Misc.

153,669

Jun 61

Calculations for Mass Transfer at a Plane  
Surface Along Which Flow Occurs, at High  
Partial Pressure Gradients, by E. Eckert,  
V. Lieblein, 19 pp.

GERMAN, per, Forschung auf dem Gebiete des  
Ingenieurwesens, Vol XVI, No 2, 1949, pp 33-42.

RAE Farnborough Tr 540

Sci - Engineering, boundary layer, laminar,  
Mechanics, fluid, gradients      33,823

May 1956

Investigations Into the Dependence of the Rate of  
Growth on Orientation in the Primary Recrystalliza-  
tion of Aluminium Single Crystals, by B. Liebmann,  
et al, 25 pp.

GERMAN, <sup>no</sup> per, <sup>its</sup> Z<sup>its</sup> für Metallkunde, Vol XLVII, No 2,  
Feb 1956, pp 57-63.

Sci - Min/Met  
Apr 1957

SLA Tr 1810 Jan 1957  
46,295

42

Electrophoretic Studies of Blood in Normal Carp and  
Carp with Ascites, by H. K. Liebmann, S. Rüdiger,  
16 pp.

GERMAN, per, Allgemeine Fischerei-Zeitung, Vol 85,  
No 20, 1960, pp 45-48.

Dept of Interior  
Bureau of Commercial Fisheries  
Office of Foreign Fisheries  
A-34-Dec 1969-No 11  
On Loan

H. K. Liebmann

Sci/B&I:  
Mar 70

404,750

Studies on the Life of Steel Moulds for Centrifugal  
Casting, by A. Koniger, W. Liebmann.

GERMAN, per, Stahl und Eisen, No 11, 1959,  
pp 1730-1743.

DISC 1894

Sci - Engr

Oct 60

129,127

The Thermal Decomposition of Sodium Sulfate, by  
E. Liebnitz, M. Mittel,

GERMAN, per, J. Prakt. Chem, Vol VI, 1958,  
pp 46-57.

ATS 547-GJ

Sci - Chem

Aug 60

123,913

Tests Conducted on Freight Trains Equipped  
With Automatic Load-Adapting Trailer Brakes  
for the Purpose of Determining Brake Parameters  
~~for~~ for Direct Test Methods, by O. Bode,  
H. Liebold. UNCL

GERMAN, per, Deutsch Kraftfahrtforsch und  
Strassenverkehrstech, No 101, 1957, 21 pp.

DSIR/36085/CT

Sci - Engr  
Nov 59

99, 789

Forces, Moments and Stresses in Rolling Mills.  
An Investigation of Vibration, by R. Liebold.

GERMANY, per, Freiburger Forschungshefte, B 48,  
Metallformung, 1960, pp 5-25.

BISI 1941

Sci - Engr

May 61

148,127

Natural Frequencies of a Multi-Shaft  
Torsion System Taking into Account the  
Mass of the Torsion Shafts, by R. Liebold.  
GERMAN, per, Freiberger Forschungsheft, No. 1,  
1961, pp 5-17.  
BISI 4892.

103

R. Liebold

Sci-MAN  
June 66

503,571

Liebold, Rudolf.

ARRANGEMENT FOR INTERMITTENT TRANSPORT  
OF A MATERIAL BY MOVEMENT OF A SOLID,  
LIQUID, OR GASEOUS CARRIER MEDIUM FOR  
INSTANCE AIR. [1963] 7p. (figs. omitted).  
Order from OTS or SLA \$1. 10

63-16336

Trans. of German patent 895, 723, cl. 81e, gr. 60,  
by Siemens-Schuckertwerke AG, pat. 8 Mar 42 (the  
period between 8 May 54 until including 7 May 50,  
will not be taken into account for the pat. duration)  
appl pub. 19 Feb 53, granted 24 Sep 53, issued  
5 Nov 53.

DESCRIPTORS: \*Mass transfer, \*Conveyors, Solids,  
Liquids, Gases, Air, Fluidized solids, \*Vibrators  
(Mechanical).

(Machinery--Transport, TT, v. 10, no. 7) (over)

63-16336

I. Liebold, R.  
II. Patent (Germany)  
895 723

A247580

Office of Technical Services

The Electrolytic Deposition of Chromium,  
E. Liebreich.

GERMAN, per, Z. Elektrochem, Vol XXIX,  
No 9/10, 1923, pp 208-210.

TPA3/TIB T 4446

29, 409

EEur - Germany

Sci - Electrochemistry, chemistry

+

The Causes of Periodic Effects in the Electrolysis  
of Chromic Acid and the Deposition of Metallic  
Chromium, by E. Liebreich.

GERMAN, per, Z. Elektrochem, Vol XXVII, No 5/6,  
1921, pp 94-110.

TPA3/TIB  
T 4420

Scientific - Chemistry  
CTS 75/Dec 55

29,345

Chroming Theory, by E. Liebreich.

GERMAN, per, Z. Elektrochem, Vol XXXIX, No 7B,  
1933, pp 628, 629.

TPA3/TIB  
T 4458

Scientific - Chemistry  
CTB 75/Dec 55

29,336

LIEBREICH, E.

Importance of Hydrogen Absorption by Iron for the  
Corrosion Process.

KORROSION AND METALLSCHUTZ, vol 8, 1932, No 1,  
pp 1-4; 2600 words.

Butcher No 922, \$ - *out of print*

*A7040*

The Theory of Chromium Plating, by E.  
Liebreich.

GERMAN, per, Z. Elektrochem, Vol XL, No 2,  
1934, pp 73-87.

TPA3/TIB T 4459

Sci - ~~Electrochem~~, Minerals/Metals, Chemistry

30,072  
514-57703

Liebreich, Oskar.  
METHOD FOR THE PREPARATION OF CANDLES,  
SALVES, LUBRICANTS, ETC. [1960] 5p.  
Order from LC or SLA ml\$1.80. ph\$1.80 60-16033

Trans. in manuscript of German patent 136 917,  
issued 23 Dec 02.

(Unannounced)

60-16033

1. Lubricants--Processing
  2. Fatty acids--Applications
  3. Synthetic oils--Processing
  4. Title: Candles
  5. Title: Salves
- I. Liebreich, O.
  - II. Patent (Germany) 136 917

Office of Technical Services

The Influence of Chlorides on the Decomposition  
Voltage Curve of Chromic Acid, by E. Liebrich,

GERMAN, per, Zeit Elektrochem, Vol XXVII,  
No 19/20, 1921, pp 452-455.

TPA3/EIB,  
T-4421

23,854

scientific - Chemistry

May 55 CTS

The Role of East Germany in the Socialist International Division of Labor, by R. Liebich.

GERMAN, per, Einheit, (enclosure to) No 9, 1960, pp 58-64.

FDD Sum 2851

EBur - E. Germany

Econ - Foreign Trade

Feb 61

139,431

(SF-1856)

Economic Union With the Soviet Union  
Necessitates Improvement of Foreign  
Trade Activity, by Hannelore Liebsch,  
4 pp.

GERMAN, per, Der Aussehhandel, Vol XII,  
No 1, 10 Jan 1962, pp 4, 5.

JPRS 13374

190,916

EEur - Germany  
Econ  
Apr 62

R-2001

(DC-1992)

Industrialization of Building Construction? - Yes,  
But Not Without the M Building Materials Industry  
(E. Germany), by Fritz Liebscher, 5 pp.

GERMAN, semimo per, Bauzeitung, Vol XI, No 13,  
East Berlin, Jul 1957, pp 372, 373.

US JPRS/DC-L-470

EEur - Germany

Econ - Construction materials

66,884